Form PTO-1449

INFORMATION DISCLOSURE CITATION IN AN APPLICATION

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Docket Number 350292001900	Application Number 10/766,986
Applicant: Akihiro MOCHIZUKI et al.	
Filing Date December 29, 2003	Group Art Unit Not yet assigned
Mailing Date June 29, 2004	

U.S. PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate

FOREIGN PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation YES	Translation NO

OTHER DOCUMENTS *(including author, title, Date, Pertinent Pages, Etc.)*

Examiner Initials	Ref. No.	Title
GW	1.	A. Mochizuki et al., "Naphthalene Base Ferroelectric Liquid Crystal and Its Electrooptical Properties," Mol. Cryst. Liq. Cryst., Vol. 243 (1994), pp. 77-90
GW	2.	D. Coleman et al., "Control of Molecular Orientation in Electrostatically Stabilized Ferroelectric Liquid Crystals," Phys. Rev. Lett. 91, (2003), pp. 1-4
GW	3.	N. Clark et al., "Submicrosecond Bistable Electro-Optic Switching in Liquid Crystals," Appl. Phys. Lett. 36(11), June 1, 1980, pp. 899-901
GW	4.	T. Takahashi et al., "Preliminary Study of Field Sequential Fullcolor Liquid Crystal Display Using Polymer Stabilized Ferroelectric Liquid Crystal Display," Japanese Journal of Appl. Phys., Vol. 38, (1999) pp. L534-L536
GW	5.	N.A. Clark, et al., "Electrostatics and the Electro-Optic Behaviour of Chiral Smectics C: 'Block' Polarization Screening of Applied Voltage and 'V-Shaped' Switching," Liquid Crystals, Vol. 27, No. 7, (2000), pp. 985-990
GW	6.	J. Ogura et al., "A TFT-LCD Using Frustrating Antiferroelectric Liquid Crystal," IDW, (1999), pp. 199-202
GW	7.	P. Rudquist et al., "The Case Of Thresholdless Antiferroelectricity: Polarization-Stabilized Twisted SmC* Liquid Crystals Give V-Shaped Electro-Optic Response," J. Mater. Chem., (1999), pp. 1257-1261
GW	8.	Jun Xu et al., "Measurement of Molecular Conformation and Motion in V-Mode Polymer-Stabilized Ferroelectric Liquid Crystal Displays Using Ellipsometry," Jpn. J. Appl. Phys., Vol. 41, (2002), pp. L651-L653

EXAMINER: [signature] DATE CONSIDERED: 9/15/05

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

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GW	9.	N.A. Clark, et al., "Electro-Optic Characteristics of de Vries Tilted Smectic Liquid Crystals: Analog Behavior in the Smectic A* and Smectic C* Phases," Applied Physics Letters, Vol. 80, No. 22, June 3, 2002, pp. 4097-4099
GW	10.	P. Rudquist et al., "28.2: Invited Paper: Unraveling the Mystery of "Thresholdless Antiferroelectricity": High-Contrast Analog Electro-Optics in Chiral Smectic-Liquid Crystal," SID 1999 Digest, pp. 409-411
GW	11.	A. Mochizuki et al., "Surface Anchoring Influence on Polarization Switching Properties of SSFLCS," Mol. Cryst. Liq. Cryst., Vol. 304, (1997), pp. 351-356
GW	12.	P. Rudquist et al., "Effects of Phase Coexistence on the Electrooptic Response in the Antiferroelectric SmC*a Phase in Materials Exhibiting Thresholdless Switching in the Smectic C* Phase," International Ferroelectric Liquid Crystal Conference Record, (1999), pp. 182-183
GW	13.	H. Pauwels et al., "Grey Levels in FLC Based on Static Threshold," International Ferroelectric Liquid Crystal Conference Record, (1999), pp. 152-153
GW	14.	L. Komitov et al., "Light-Controlled Electro-Optic Response in a Chiral Smectic with Sign Reversal of the Spontaneous or Induced Polarization," International Ferroelectric Liquid Crystal Conference Record, (1999), pp. 184-185
GW	15.	A.D.L. Chandani, "Tristable Switching in Surface Stabilized Ferroelectric Liquid Crystals with a Large Spontaneous Polarization," Japanese Journal of Applied Physics, Vol. 27, No. 5, May 1988, L729-L732
GW	16.	Y. Takanishi et al., "Spontaneous Formation of Quasi-Bookshelf Layer Structure in New Ferroelectric Liquid Crystals Derived from a Naphthalene Ring," Japanese Journal of Applied Physics, Vol. 29, No. 6, June 1990, L984-L986
GW	17.	N.A. Clark et al., "Electro-Optic Characteristics of de Vries Tilted Smectic Liquid Crystals: Analog Behavior in the Smectic A* and Smectic C* Phases," Applied Physics Letters, Vol. 80, No. 22, June 3, 2002, pp. 4097-4099
GW	18.	T. Takahashi et al., "P-71: Computer Simulation of Polymer-Stabilized FLCDs Exhibiting V-Shaped Switching," SID Conference Record, (2002), pp. 476-479
GW	19.	S. Kobayashi, "4.4: Polymer-Stabilized FLCDs Exhibiting V- and Half-V EO Characteristics," SID Conference Record, (2001), 4 pages

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